

WHAT IS CLAIMED IS:

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5A 1. A method for rendering a trimmed ribbon image on a display device of a computer, comprising the steps of:

inputting content ready to be displayed on a trimmed ribbon object;

generating a ribbon route for the trimmed ribbon object by a wrap function;

10 cutting the ribbon route of the trimmed ribbon object into a plurality of sub-paths by a plurality of cutting points on the ribbon route;

generating a plurality of segments by separately applying an effect function to the sub-paths and the content attached to the sub-paths; and

15 combining the segments to produce the trimmed ribbon image.

20 2. The method of claim 1, wherein slope values of tangent lines passing through the cutting points are a local maximum value or a local minimum value.

3. The method of claim 1, wherein the content is a string with a plurality of letters.

25 4. The method of claim 3, wherein in the cutting step the letter is divided into two parts by generating two trajectories of a contour of the letter when the cutting points cutting across an interior of the letter.

5. The method of claim 1, wherein the effect function is shading.

6. A computer readable medium for storing a program,
5 comprising the commands of:

inputting content that is ready to be displayed on a trimmed ribbon object;

generating a ribbon route of the trimmed ribbon object by a wrap function;

10 cutting the ribbon route of the trimmed ribbon object into a plurality of sub-paths by a plurality of cutting points on the ribbon route;

generating a plurality of segments by separately applying an effect function to the sub-paths and the content
15 attached to the sub-paths; and

combining the segments to produce the trimmed ribbon image.

7. The computer readable medium of claim 6, wherein
20 slope values of tangent lines passing through the cutting points are a local maximum value or a local minimum value.

8. The computer readable medium of claim 6, wherein the content is a string with a plurality of letters.

25 9. The computer readable medium of claim 8, wherein in the cutting command the letter is divided into two parts by generating two trajectories of a contour of the letter when the cutting points cut across an interior of the letter.

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Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
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